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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/606,591	06/26/2003	Christopher A. Evans	MS1-0492USC1	5068
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LEE & HAYES, PLLC				
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EXAMINER				
NGUYEN, LE V				
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/606,591

Applicant(s)

EVANS ET AL.

Examiner

LE NGUYEN

Art Unit

2174

Period for Reply -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 25 September 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 22-42 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 22-42 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/CDC)
- 4) ☐ Interview Summary (PTO-413)
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____
- Paper No(s)/Mail Date _____

DETAILED ACTION

1. This communication is responsive to an amendment filed 9/25/08.
2. Claims 22-42 are pending in this application; and, claims 22, 29 and 36 are independent claims. Claims 22, 29 and 36 have been amended; and, claims 1-21 have been canceled. This action is made Final.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

4. Claims 22-25, 28-32, 35-39 and 42 are rejected under 35 U.S.C. 102(a) as being anticipated by *UNIX Unleashed* ("UNIX") and additional excerpts of *UNIX Unleashed* ("UNIX continued").

As per claim 22, UNIX teaches method comprising configuring a single computer with a single UI display to be concurrently and physically shared by multiple users by executing a plurality of concurrent switchable remote process enabled workspace environments within the single computer (UNIX: page 20; *multiple users share a single computer such as a server via, for example, terminals, the single computer is able to initiate remote processes*) comprising presenting a logon UI to each user physically seeking to use the single computer and within the single computer initiating a separate

remote process thread for each user that is authenticated by the logon UI, initiating a separate remote process associated with each remote process thread for the concurrent switchable remote process enabled workspace environments, displaying on the single UI display of the single computer only one of the process enabled workspace environments as active at a time and maintaining a list of remote process threads to support switching from a first remote process to a second remote process (UNIX: page 266; *UNIX uses XWindow where users use separate threads to login*; UNIX continued: fig. 8.1 of page p 432; pp 393, 431-434, 436-438, 441-456, 461, 463-466, 468, 471, 472, 474, 476, 897, 904-906, 926 and 1542; X Window system, the most common graphical interface for UNIX, can have multiple windows but only one window is active at a time).

As per claim 23, UNIX teaches method for use in a multiple user computing environment logon user interface comprising establishing a separate user environment associated with each remote process (UNIX: page 81).

As per claim 24, UNIX teaches method for use in a multiple user computing environment logon user interface comprising launching a separate user shell associated with each remote process (UNIX: page 266, and *rlogin*).

As per claim 25, UNIX teaches method for use in a multiple user computing environment logon user interface comprising selectively switching from a first one of the multiple remote processes to another of the multiple remote processes without terminating the remote process thread associated with the first one of the multiple remote processes (UNIX: page 20).

As per claim 28, UNIX teaches method for use in a multiple user computing environment logon user interface comprising selectively removing the remote process thread from the list of remote process threads when the user logs off (UNIX: page 24; *wherein the shell or process is terminated*).

Claims 29 and 36 are individually similar in scope to claim 22 and are therefore rejected under similar rationale.

Claims 30 and 37 are individually similar in scope to claim 23 and are therefore rejected under similar rationale.

Claims 31 and 38 are individually similar in scope to claim 24 and are therefore rejected under similar rationale.

Claims 32 and 39 are individually similar in scope to claim 25 and are therefore rejected under similar rationale.

Claims 35 and 42 are individually similar in scope to claim 28 and are therefore rejected under similar rationale.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 26, 27, 33, 34, 40 and 41 are rejected under 35 U.S.C. 103(a) as being unpatentable over *UNIX Unleashed* ("UNIX") and additional excerpts of *UNIX Unleashed* ("UNIX continued").

As per claims 26 and 27, UNIX teaches method for use in a multiple user computing environment logon user interface comprising switching from a first one of the multiple remote processes to another of the multiple remote processes without terminating a remote process thread associated with the first one of the multiple remote processes and launching a separate user shell associated with each remote process (UNIX: pages 20 and 266). UNIX does not explicitly disclose automatically switching to a logon screen following a defined period of user inactivity. Official Notice is taken that automatically switching to a logon screen after a period of user inactivity is well known in the art. It would have been obvious to an artisan at the time of the invention to utilize the feature of automatically switching to a logon screen after a period of user inactivity with the method of UNIX in order to provide an added security measure of preventing others from viewing sensitive materials at a computing site in the event the user is no longer attending to the computing site.

Claims 33 and 34 in combination are similar in scope to the combination of claims 26 and 27 and are therefore rejected under similar rationale.

Claims 40 and 41 in combination are similar in scope to the combination of claims 26 and 27 and are therefore rejected under similar rationale.

Response to Arguments

7. Applicant's arguments filed 9/25/08 have been fully considered but they are not persuasive.

Applicant argued:

Unix fails to disclose selectively removing the remote process thread from the list of remote process threads when the user logs off. Moreover, Unix fails to disclose creating/maintaining a list of the remote process threads to support switching from a first remote process to a second remote process for each user who is authenticated by the logon UI.

The Office disagrees for the following reasons:

The teachings of logging out or logoff wherein the thread is removed in Unix is consistent with the definition of logging out or logoff, i.e. to terminate a session with a computer accessed through a communications line—usually a computer that is both distant and open to many users (page 24; for additional reference see *Microsoft's Computer Dictionary*, 5th edition). Furthermore, it is inherent that Unix maintain a list of remote processes in order for users to switch from one remote process to another (page 20; i.e. Unix supports multiple users and multiple remote process so that a user may switch to a second remote process while the first process is still running). Therefore, Unix teaches creating/maintaining a list of the remote process threads to support switching from a first remote process to a second remote process for each user who is authenticated by the logon UI.

Conclusion

8. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Inquires

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Lê Nguyen whose telephone number is **(571) 272-4068**. The examiner can normally be reached on Monday - Friday from 7:00 am to 3:30 pm (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong, can be reached at (571) 272-4124.

Art Unit: 2174

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

lvn
Patent Examiner
December 22, 2008
/Stephen S. Hong/
Supervisory Patent Examiner, Art Unit 2178

Application Number**Application/Control No.**

10/606,591

Examiner

LE NGUYEN

**Applicant(s)/Patent under
Reexamination**

EVANS ET AL.

Art Unit

2174